

**33945, A HUMAN GLYCOSYLTRANSFERASE FAMILY MEMBER
AND USES THEREFOR**

Abstract

The invention provides isolated nucleic acids molecules, designated 33945 nucleic acid molecules, which encode novel glycosyltransferase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 33945 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 33945 gene has been introduced or disrupted. The invention still further provides isolated 33945 proteins, fusion proteins, antigenic peptides and anti-33945 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.